

A4

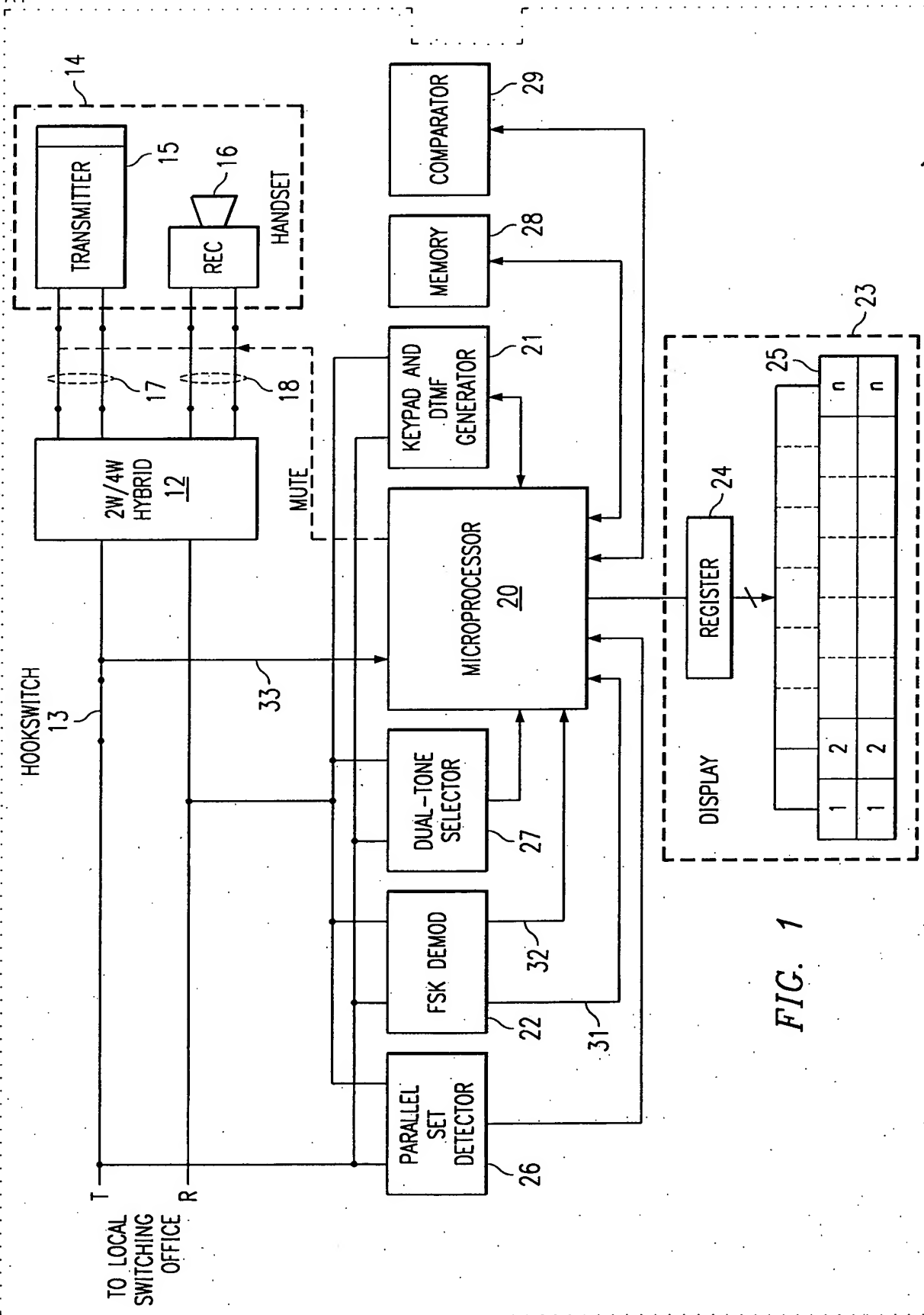
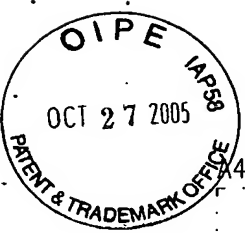
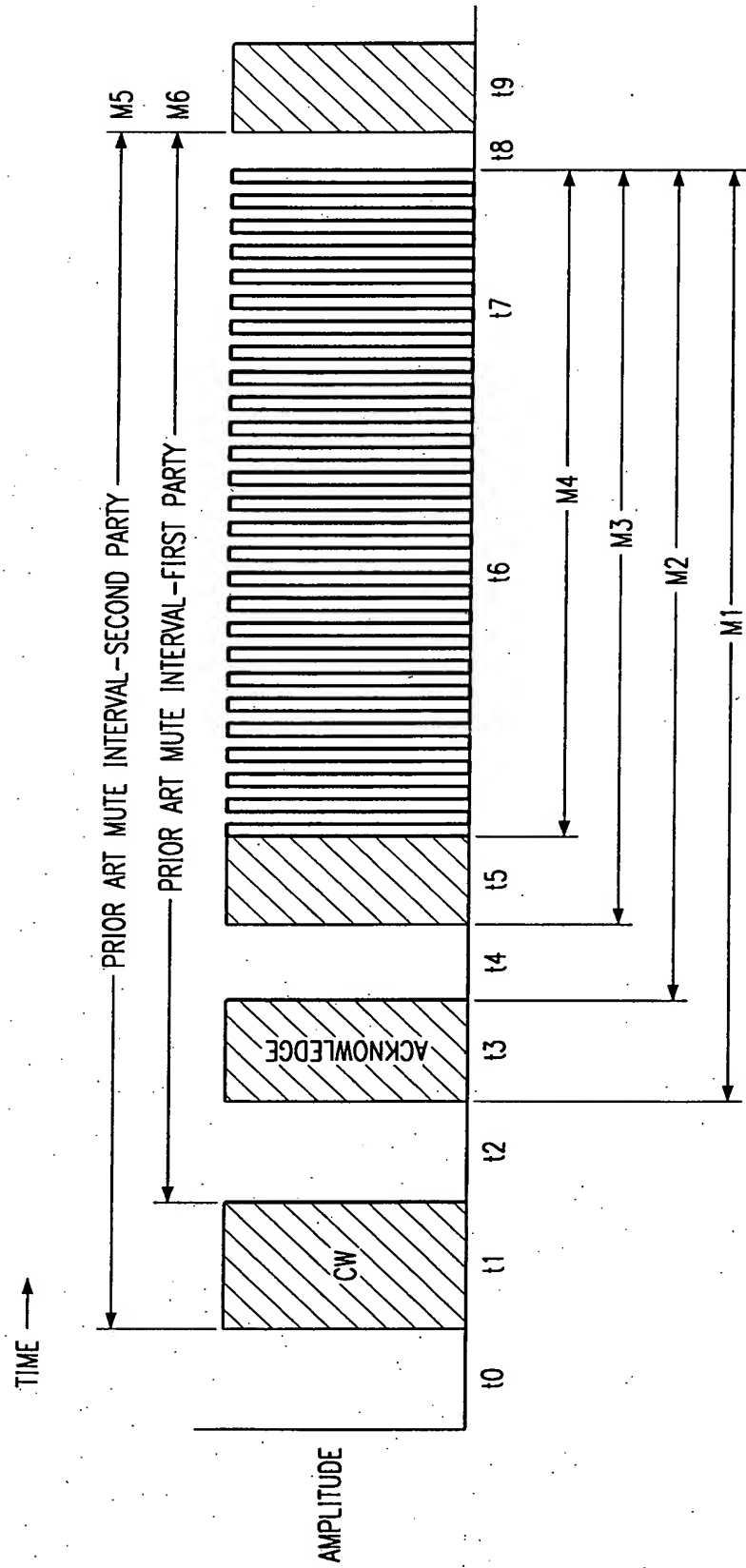
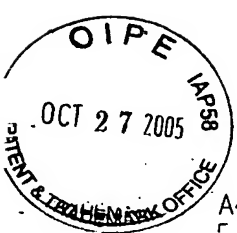


FIG. 1

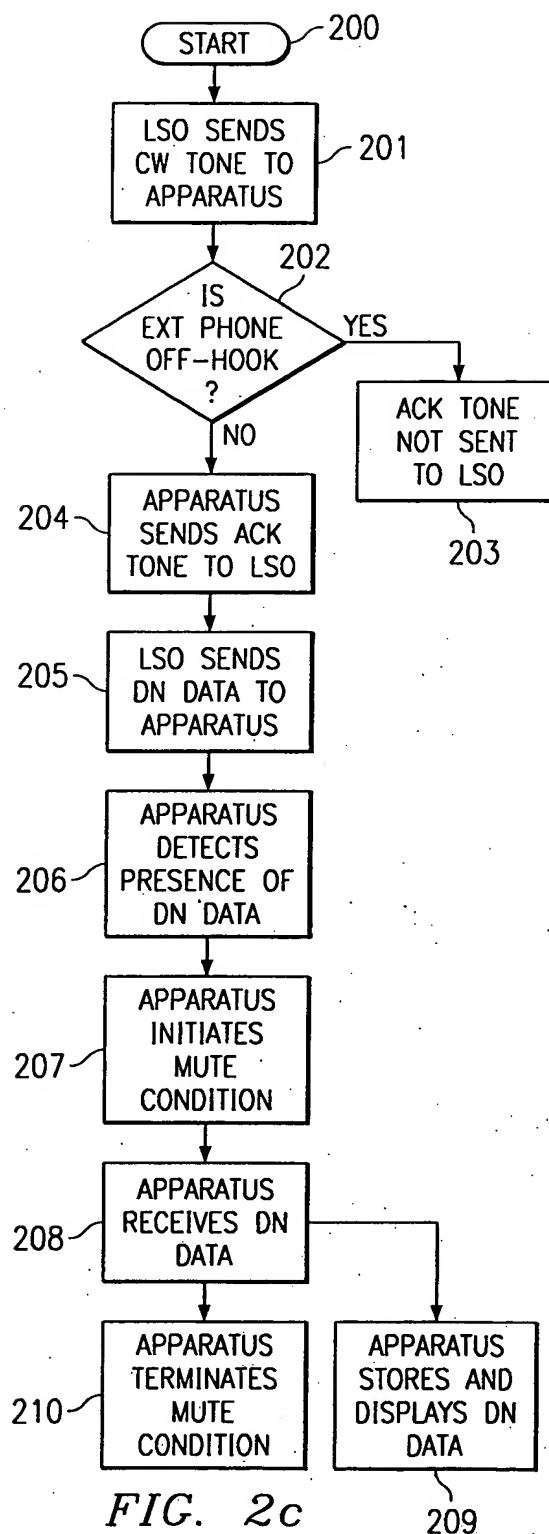
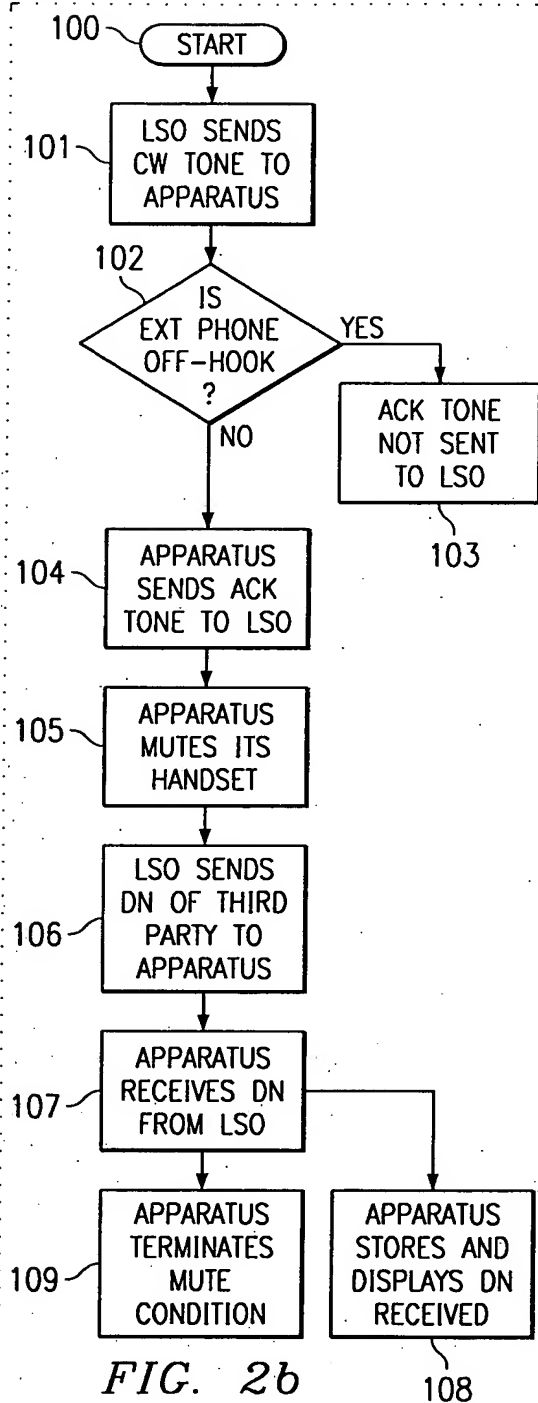


Title: Enhanced call-waiting with caller...
Inventor: Henderson
Serial No. 10/047,677
Filing Date: January 15, 2002
Replacement Sheet 2 of 9





A4



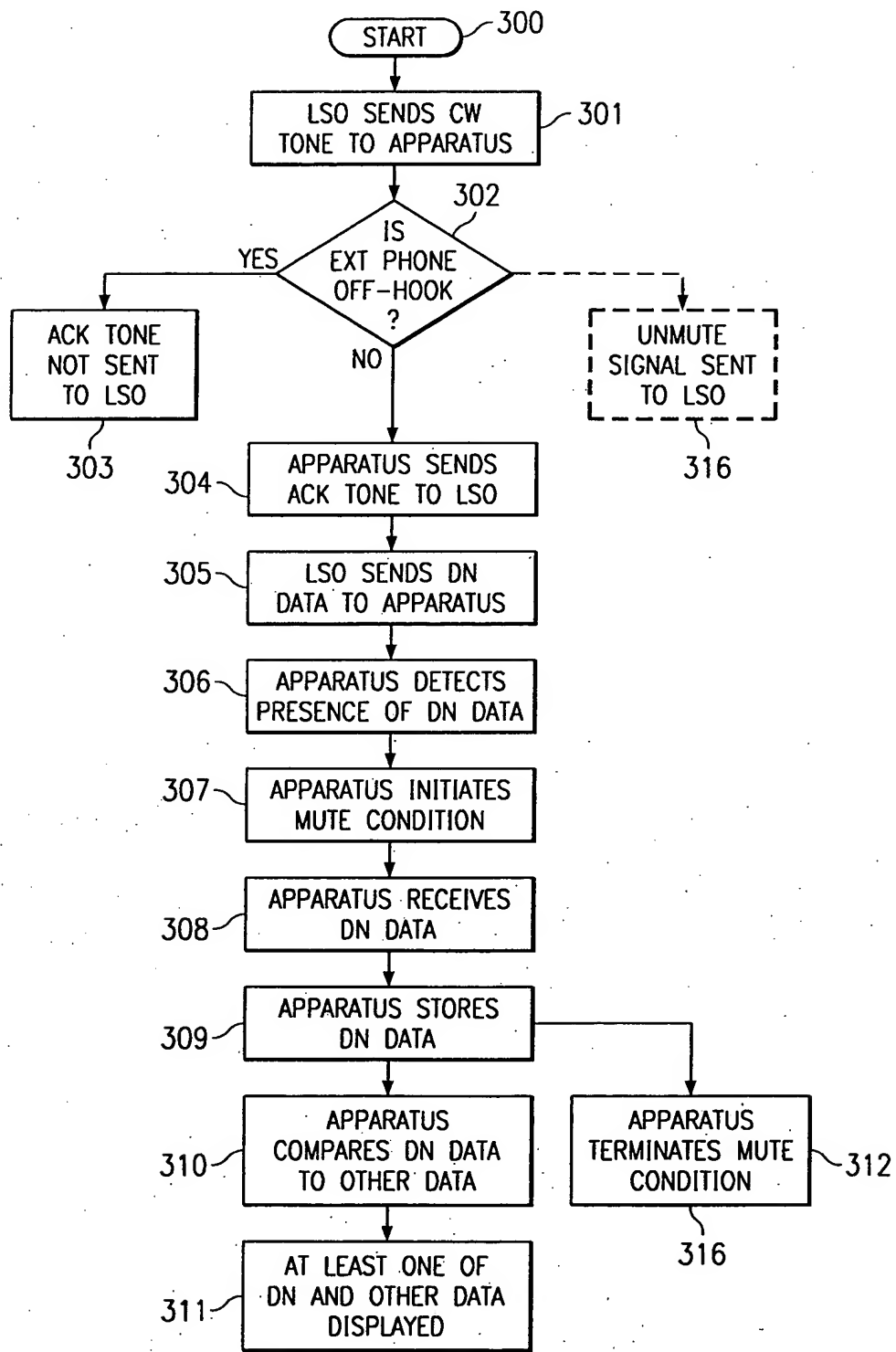


FIG. 2d

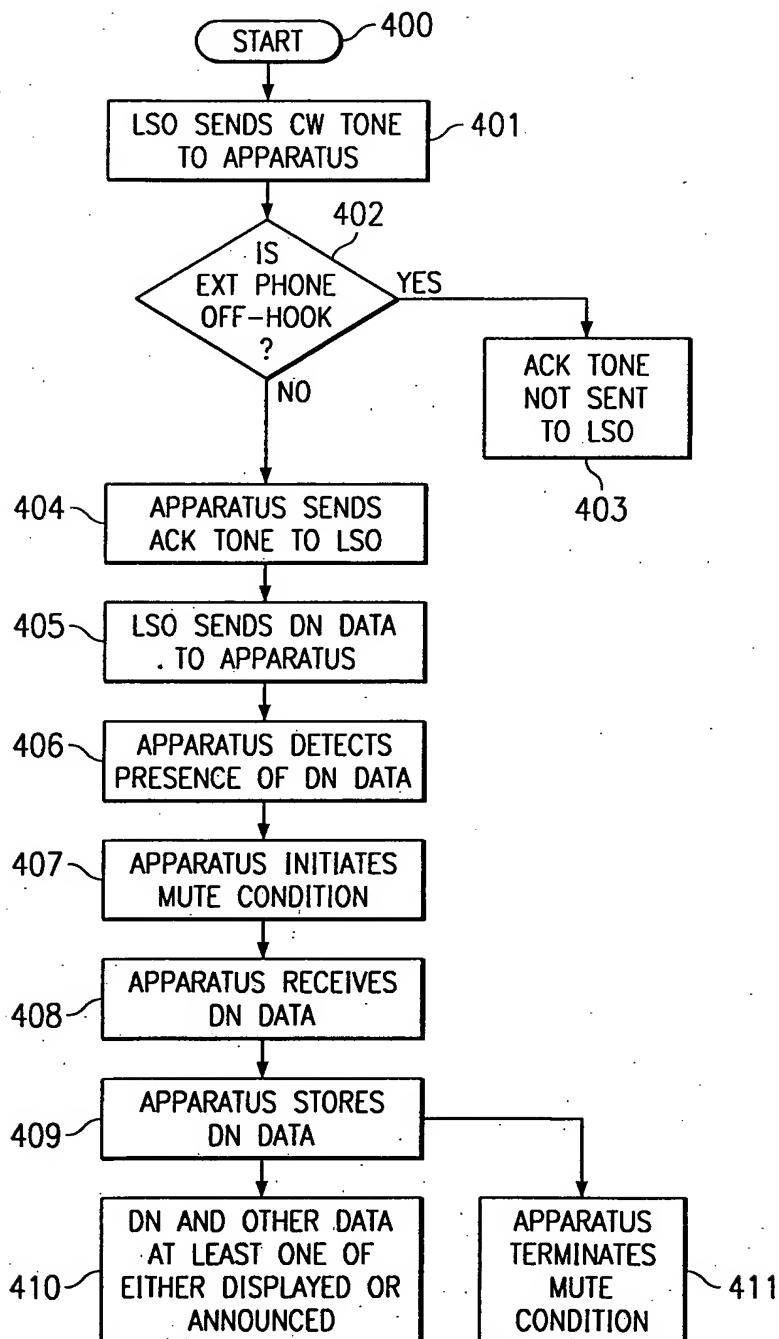


FIG. 2e

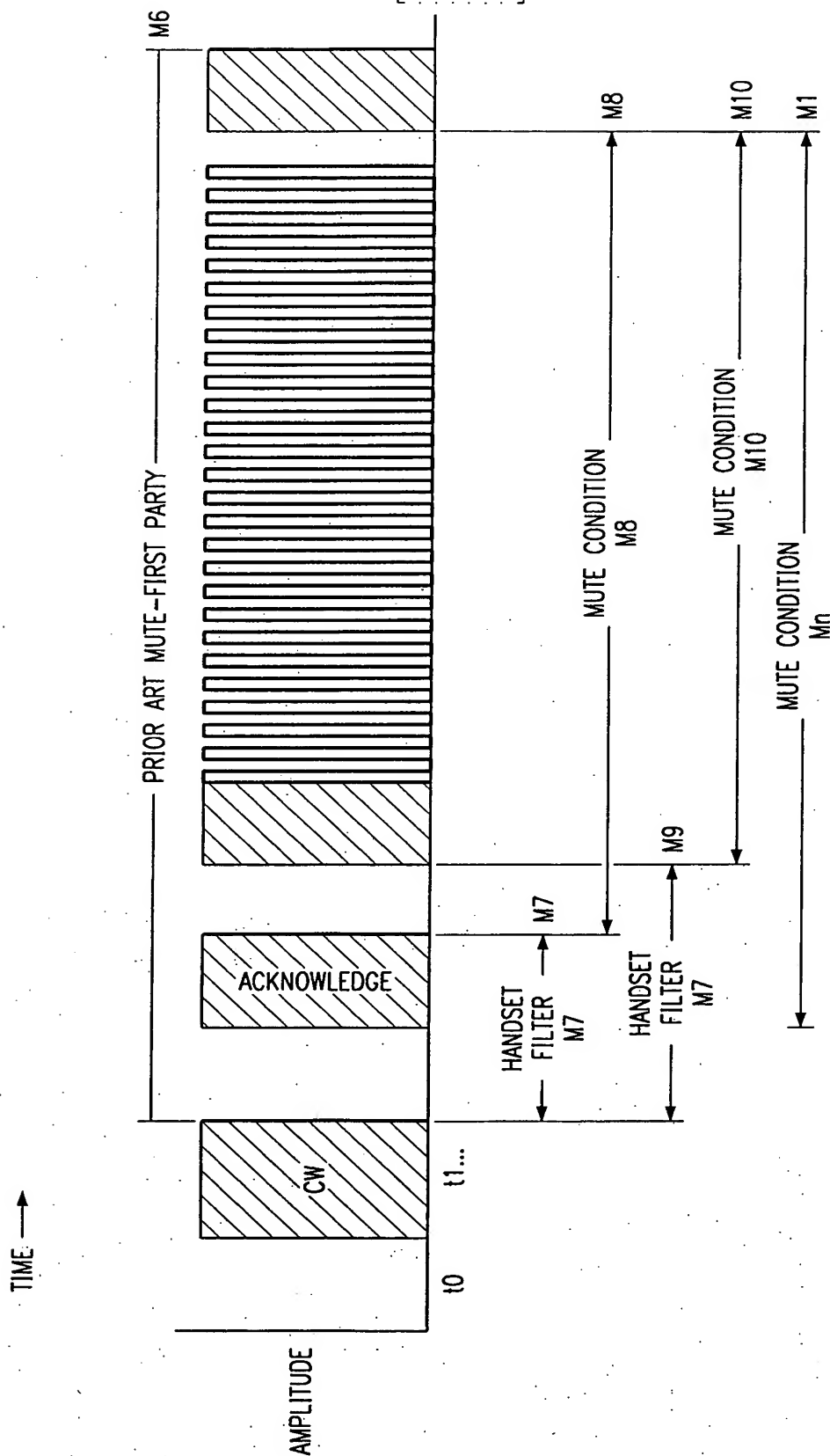
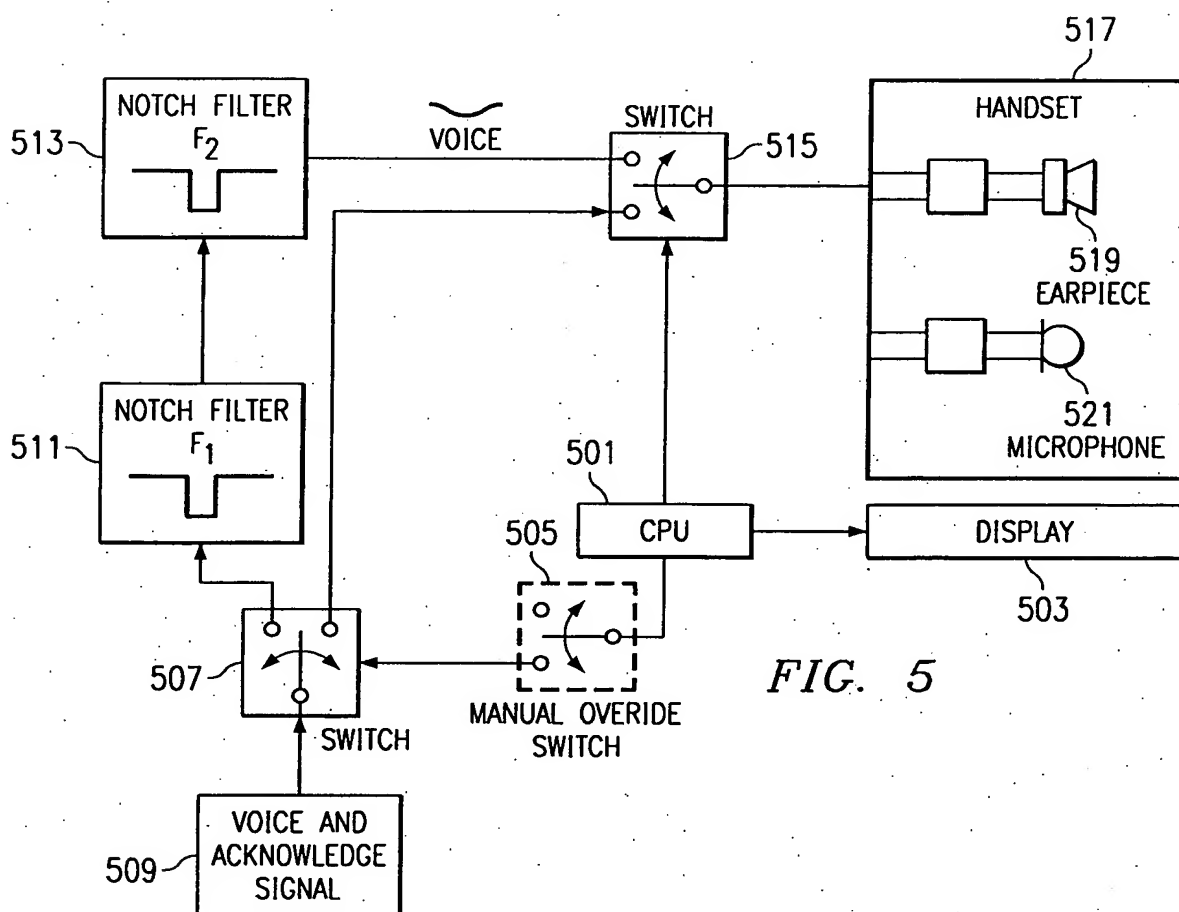
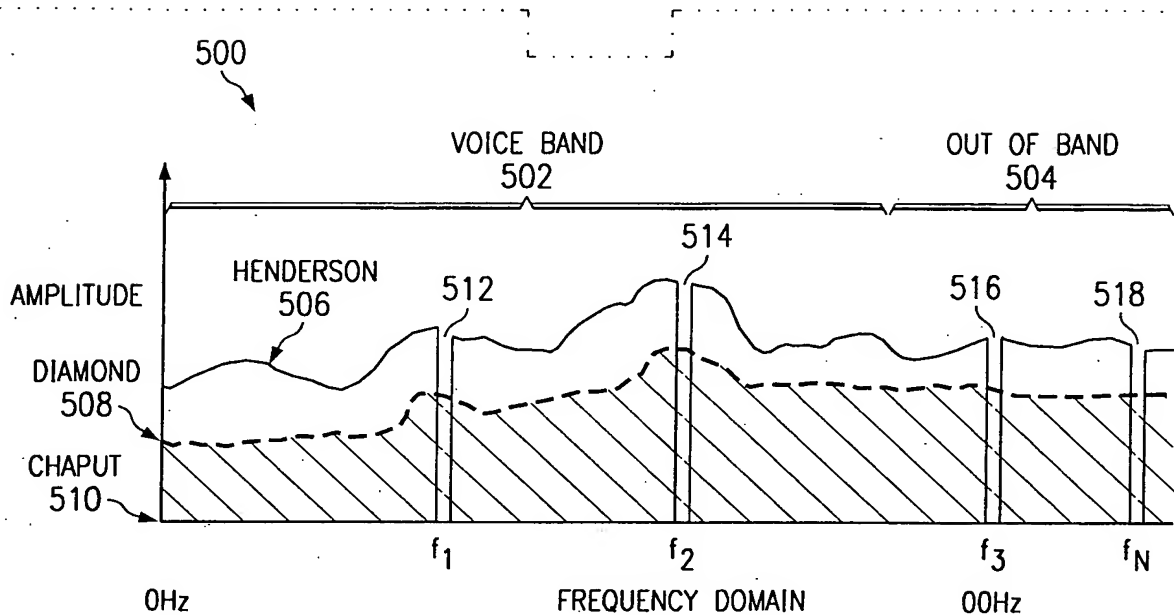


FIG. 3



FILTER AND MUTE

COMMENTS

- INCOMING CALL
- CONVENTIONAL STEP PER BELLCORE
- PHASE I OF PROCESS
USE NOTCH FILTERS TO ELIMINATE f_1, f_2 DTMF "D" SIGNALS ONLY FROM EARPIECE OR OTHER VOICE BAND, HIGH BAND, OUT OF BAND - SINGLE OR MULTIVOICE
- EXCEPT FOR VOICE COMPONENTS AT f_1, f_2 CONVERSATION CONTINUES
- PHASE II OF PROCESS
MUTE, ATTENUATE OR FILTER TO PROTECT AND SILENCE CID DAR
- MUTING CAN BE SIMULTANEOUS OR REVERSED
- ATTENUATION CAN REPLACE MUTING

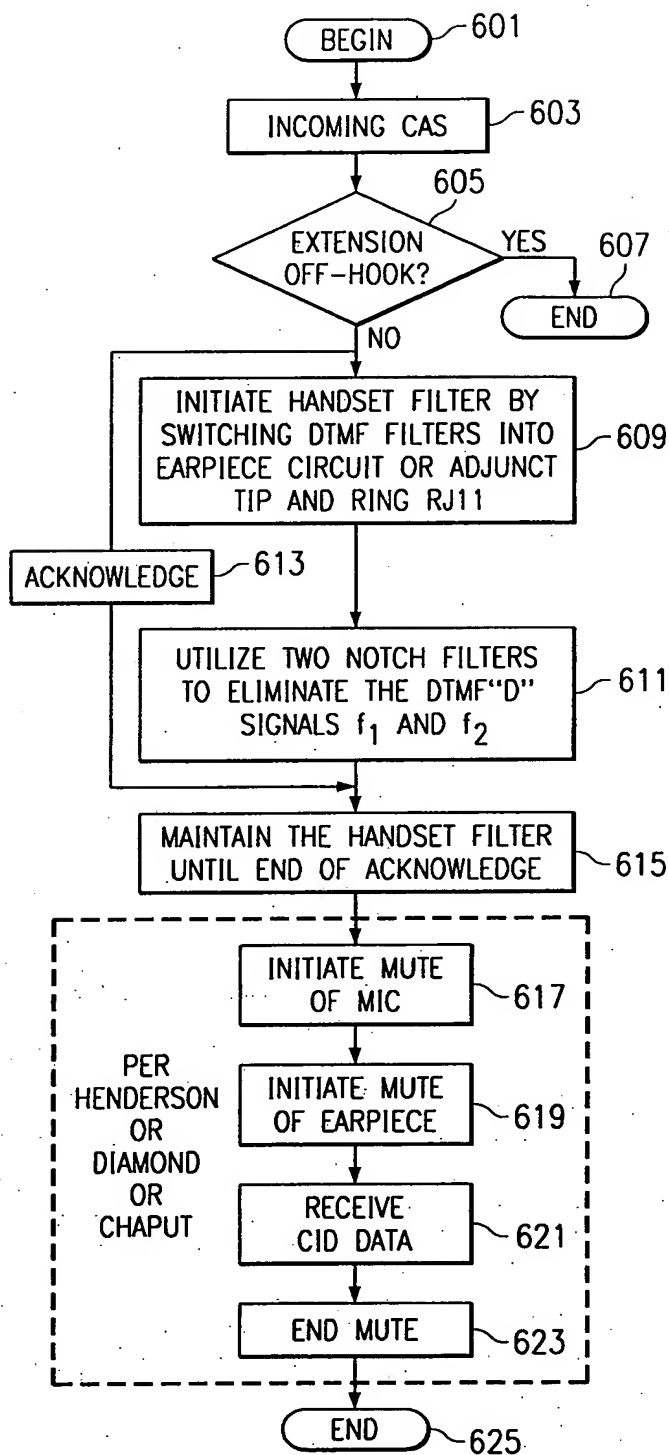
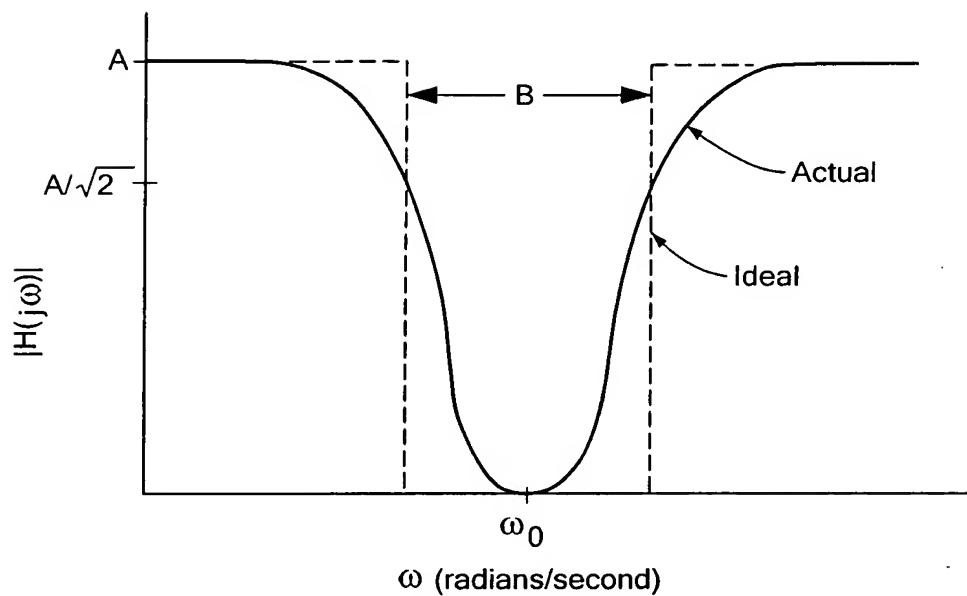
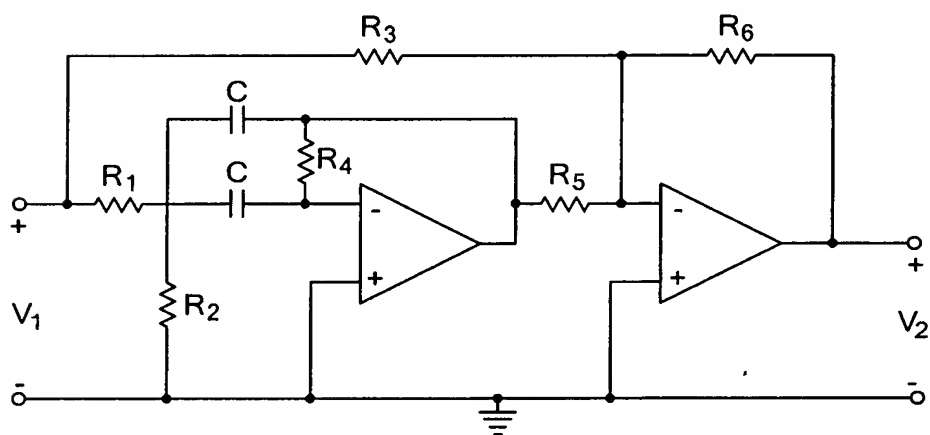


FIG. 6



A band-reject amplitude response

FIG. 7



A band-reject filter

FIG. 8